Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) An apparatus ~~(20, 30)~~ for curing radiation-curable coatings, which has at least one irradiation chamber ~~(22, 32)~~ provided with a plurality of UV radiation sources ~~(18)~~, wherein a plurality of UV radiation sources ~~(18)~~ are arranged close to one another and interconnected to form one or more irradiation modules ~~(10)~~, the aluminance inside an irradiation module ~~(10)~~ and/or between at least two irradiation modules ~~(10)~~ being spatially variable.

2. (Currently amended) The apparatus as claimed in claim 1, wherein lamps~~, preferably fluorescent tubes (18) with a power of 0,1 to 10 W per cm radiator length, preferably 1 W per cm radiator length~~ are provided as UV radiation sources.

3. (Currently amended) The apparatus as claimed in claim 1, wherein the UV radiation sources ~~(18)~~ have a continuous emission spectrum between 200 and 450 nm~~, preferably between 300 and 450 nm~~.

4. (Currently amended) The apparatus as claimed in claim 2 or 3, wherein a ventilation system ~~(16)~~ is provided for cooling the surface of the UV radiation sources ~~(18)~~.

5. (Currently amended) The apparatus as claimed in claim 1, wherein at least a plurality of radiation sources ~~(18)~~ have reflectors~~, preferably with emission angles of 160°~~.

6. (Currently amended) The apparatus as claimed in claim 1, wherein at least one irradiation module ~~(10)~~ is arranged in the apparatus ~~(20, 30)~~ in a fashion capable of movement about at least one of its axes.

7. (Currently amended) The apparatus as claimed in claim 1, wherein the illuminance of at least one irradiation module ~~(10)~~ can be set in the temporally variable fashion.

8. (Currently amended) An irradiation module ~~(10)~~, in particular for an apparatus ~~(20, 30)~~ as claimed in claim 1, wherein it has a plurality of UV radiation sources ~~(18)~~ that are arranged close to one another and are interconnected, the illuminance inside the irradiation module ~~(10)~~ being spatially variable.

9. (Currently amended) The irradiation module as claimed in claim 8, wherein lamps~~, preferably fluorescent tubes (18) with a power of 0,1 to 10 W per cm radiator length, preferably 1 W per cm radiator length~~ are provided as UV radiation sources.

10. (Currently amended) The irradiation module as claimed in claim 8, wherein the UV radiation sources ~~(18)~~ have a continuous emission spectrum between 200 and 450 nm~~, preferably between 300 and 450 nm~~.

11. (Currently amended) The irradiation module as claimed in claim 8, wherein a ventilation system ~~(16)~~ is provided for cooling the surface of the UV radiation sources ~~(18)~~.

12. (Currently amended) The irradiation module as claimed in claim 8, wherein at least a plurality of radiation sources ~~(18)~~ have reflectors~~, preferably with emission angles of 160°~~.

13. (Original) The irradiation module as claimed in one of claims 8 to 12, wherein it can be held in the apparatus in a fashion capable of movement about at least one of its axes.

14. (Currently amended) The apparatus as claimed in claim 8, wherein the illuminance of at least one irradiation module ~~(10)~~ can be set in a temporally variable fashion.

15. (New) The apparatus as claimed in claim 2, wherein the lamps are fluorescent tubes with a power of 0.1 to 10 W per cm radiator length.

16. (New) The apparatus as claimed in claim 2, wherein the lamps are fluorescent tubes with a power of 1 W per cm radiator length.

17. (New) The apparatus as claimed in claim 3, wherein the UV radiation sources have a continuous emission spectrum between 300 and 450 nm.

18. (New) The apparatus as claimed in claim 1, wherein at least a plurality of radiation sources have reflectors with emission angles of 160°.

19. (New) The irradiation module as claimed in claim 9, wherein the lamps are fluorescent tubes with a power of 0.1 to 10 W per cm radiator length.

20. (New) The irradiation module as claimed in claim 9, wherein the lamps are fluorescent tubes with a power of 1 W per cm radiator length.

21. (New) The irradiation module as claimed in claim 10, wherein the UV radiation sources have a continuous emission spectrum between 300 and 450 nm.

22. (New) The irradiation module as claimed in claim 8, wherein at least a plurality of radiation sources have reflectors with emission angles of 160°.

23. (New) An apparatus for curing radiation-curable coatings, said apparatus comprising a plurality of irradiation modules at least partially surrounding an irradiation chamber, each irradiation module being provided with a plurality of UV radiation sources arranged close to one another and interconnected, the illuminance inside an irradiation module and/or between at least two irradiation modules being spatially variable.